

FULLY EXECUTED

95-24C

Amendment #3

SFUND RECORDS CTR
1652-95766


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SFUND RECORDS CTR
48653

STATE SUPERFUND CONTRACT
HIGH DENSITY SLUDGE TREATMENT PLANT
AT THE
IRON MOUNTAIN MINE
BETWEEN
THE STATE OF CALIFORNIA
AND THE U.S. ENVIRONMENTAL PROTECTION AGENCY

ITEM	CHAPTER	STATUTE	FY	CALSTARS	CHANGE	AMOUNT
3960-519-710 (a)	85	1985	44	* 5100-403-11065-100077-00	0	\$178,635
3960-013-0710	162	1996	96/97	5100-412-10096-100077-00	0	\$663,614
3960-001-0014	282	1997	97/98	5100-412-17075-100077-00	+\$ 14,405	\$ 14,405
TOTAL					+\$ 14,405	\$856,654

• Override with Appropriation Symbol 711, Fund 710, Fund Source B, Method 2.

AMOUNT ENCUMBERED BY THIS DOCUMENT \$ 14,405	PROGRAM/CATEGORY (CODE AND TITLE)		FUND TITLE Hwca	
	(OPTIONAL USE)			
PRIOR AMOUNT ENCUMBERED FOR THIS CONTRACT \$ 842,249	ITEM	CHAPTER	STATUTE	FISCAL YEAR
	SEE ABOVE			
TOTAL AMOUNT ENCUMBERED TO DATE \$ 856,654	OBJECT OF EXPENDITURE (CODE AND TITLE)			
	SEE ABOVE			
I hereby certify upon my own personal knowledge that budgeted funds are available for the period and purpose of the expenditure stated above.		T.B.A. NO.		B.R. NO.
SIGNATURE OF ACCOUNTING OFFICER 		DATE 6/18/98		

Department of General Services
Use Only

☐ CONTRACTOR ☐ STATE AGENCY ☐ DEPT. OF GEN. SER. ☐ CONTROLLER ☐

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AMENDMENT #3
STATE SUPERFUND CONTRACT
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THE ENVIRONMENTAL PROTECTION AGENCY

This State Superfund Contract Amendment #3 amends the State Superfund Agreement signed by Environmental Protection Agency on May 23, 1995, by California Department of Toxic Substances Control on May 25, 1995 and approved by California Department of General Services on June 12, 1995; and the State Superfund Contract Amendment #1 signed by Environmental Protection Agency on December 18, 1995, by California Department of Toxic Substances Control on February 20, 1996 and approved by California Department of General Services on March 5, 1996; and the State Superfund Contract Amendment #2 signed by Environmental Protection Agency on June 13, 1997, by California Department of Toxic Substances Control on June 18, 1998 and approved by California Department of General Services on June 26, 1998 Appendix A and Revised Appendix A#2 has been replaced with Revised Appendix A #3, which is attached and made a part here of.

Section 16(a) in the State Superfund Contract is replaced with the following paragraph:

"The estimated cost of the IMM HDS treatment remedial action (excluding EPA's indirect and intramural costs) is \$8,566,543. This cost estimate is based on the current negotiated bid between EIMCO and CH₂MHill and includes contingencies for change orders and construction management services. Based on the foregoing, the cost share presently is estimated to be \$856,654."

In addition, section 16(b) which previously in part provided, "The State assures payment of its cost share obligation for actual remediation action costs for the HDS remedial action at the Site pursuant to the Boulder Creek OU and the Old/No. 8 Mine Seep OU, which shall be settled at reconciliation pursuant to Paragraph 32 below, which shall not exceed \$842,249", shall be deleted and be replaced by the following:

"The State assures payment of its cost share obligation for actual remediation action costs for the HDS remedial action at the Site pursuant to the Boulder Creek OU and the Old/No. 8 Mine Seep OU, which shall be settled at reconciliation pursuant to Paragraph 32 below, which shall not exceed \$856,654".

All other terms and provisions shall remain unchanged.

In witness whereof, the parties hereto have executed this contract amendment.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Keith Takata

Keith Takata, Deputy Director
Hazardous Waste Management Division
US. Environmental Protection Agency, Region IX

6-4-98

Date

STATE OF CALIFORNIA

Paul D. Blais

Paul D. Blais, Deputy Director
Site Mitigation Program
Department of Toxic Substances Control
California Environmental Protection Agency

6/18/98

Date

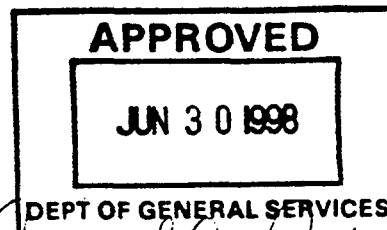
M. H. Philo

Marvin H. Philo, Chief
Office of Business Service
Department of Toxic Substances Control
California Environmental Protection Agency

6-18-98

Date

Department of General Services Use Only



Carole Kadar

The total budget amount estimated for construction management is listed below.

BUDGET ESTIMATE:

<u>Task</u>	<u>Estimated Cost</u>
Construction Management	\$1,054,817
RA Project Management	\$107,574
RA Data Evaluation	\$57,227
Pre-Construction Conf	\$3,731
Perform RA	\$664,180
Quality Control	\$22,982
O&M Manual	\$40,232
Start-up/Shakedown Oper.	\$146,828
RA Subcontractor Support	\$12,063
Construction of the HDS Treatment Plant (Subcontract costs, includes est. taxes)	\$7,511,726
TOTAL PROJECT COST	\$8,566,543

REVISED APPENDIX A #3
STATEMENT OF WORK
IRON MOUNTAIN MINE
HDS TREATMENT PLANT

DESCRIPTION: Construction and construction management for the interim remedial action to construct the High Density Sludge (HDS) component of the treatment plant at the Iron Mountain Mine (IMM) near Redding, California. The interim remedial action will be constructed in accordance with specifications provided in Appendix E of the original State Superfund Contract.

The cost estimate in the original Statement of Work was based on an engineering estimate for construction of the HDS treatment plant. The first revised cost estimate was based on the actual negotiated bid from the subcontractor. The increase in cost between the engineering estimate and the subcontractor's actual bid can be attributed to: increased material and labor costs due to inflation from the time the engineering estimate was completed (1993); increased costs on factory quotes from the time of the engineering estimate to time of the bid; and additional bonding and insurance premiums that were not anticipated in the engineering estimate.

The revised cost estimate #2 included the necessary change orders to modify the mixers and blowers in the existing simple mix system in order to meet the required the performance standards of the HDS system plant; expanded start-up and shakedown services and some change in site conditions.

This revised cost estimate #3 included the necessary change orders to modify the reactor platform, replace the sheared bolts, replace the baffle of the simple mix plant, and other miscellaneous mechanical/structural modifications necessary to provide long-term reliable treatment. Details on the changes can be found in the following documents which are incorporated and by this reference made a part hereof:

Revised Work Plan Amendment No. 5, CH₂MHill, November 26, 1997

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